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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF CHEMISTRY AND SOILS
INSECTICIDE DIVISION

Patent List No. 11

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A LIST OF

UNITED STATES PATENTS

Issued from 1917 to 1933 inclusive

relating to

WINDOW AND DOOR SCREEN FLY TRAPS

Compiled by

R. C. Roark

Washington, D.C.
August 1934

A LIST OF UNITED STATES PATENTS ISSUED FROM 1917 TO 1933, INCLUSIVE, RELATING TO WINDOW AND DOOR SCREEN FLY TRAPS

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Insecticide Division, Bureau of Chemistry and Soils

These 47 devices are intended for attachment to a window or door screen to entrap flies walking up the screen.

Twelve devices use bait (granulated sugar, sweetened liquid, etc.) to attract flies, 2 use electric lights, 4 provide sticky flypaper for catching flies, 6 contain poison (kerosene, oil, soapsuds or a powder) and one device operates a fly swatter.

Every effort has been made by the compiler to make this list of patents complete and no discrimination is intended against any patent mention of which is inadvertently omitted.

The Department of Agriculture assumes no responsibility for the merits or workableness of any of the patents, nor does it recommend any of the inventions listed.

1,212,407 (Jan. 16, 1917; appl. May 20, 1916). FLY EXTERMINATOR. Nathanial Schultz, Stockton, Calif. - This trap is preferably located near the top of a screen door or window. Insects entering the trap move upwardly and are killed by poison contained in a cup.

1,218,344 (Mar. 6, 1917; appl. Feb. 7, 1916). SCREEN. Edward A. Wheeler, Valier, Mont. - This trap is designed for catching flies that accumulate on the opposite faces of a window screen.

1,236,512 (Aug. 14, 1917; appl. May 26, 1916). SCREEN-DOOR FLY TRAP. Edgar A. Warren, Kellogg, Idaho. - General Sales and Brokerage Co., Newport, Washington. - This trap catches flies crawling up a screen door.

1,239,148 (Sept. 4, 1917; appl. July 24, 1912). FLY CATCHER. Herman O. Wende, Chicago, Ill. - A fly catcher for use in store windows is described.

1,248,427 (Nov. 27, 1917; appl. Aug. 23, 1917). COMBINED INSECT TRAP AND SCREEN-FRAME. Alfred N. Olsen, Rock Rapids, Iowa, - Acme Screen Door Manufacturing Co., Rock Rapids, Iowa. - This device for trapping flies is attached to the upper part of a door or window screen.

1,248,899 (Dec. 4, 1917; appl. May 26, 1917). INSECT CATCHER. Grace Parks, Boone, Iowa. - Flies crawling up a screen door are attacted by bait to this trap where they are destroyed by a poison pad, sticky fly paper or fumes from a disinfectant.

1,249,964 (Dec. 11, 1917; appl. Nov. 23, 1916). SCREEN DEVICE. Thomas J. Hubbard and William W. Hubbard, Mendota, Ill. - Flies are attracted by bait to this trap located at the top of the screening above a doorway. This device is an improvement over the one described in United States Patent 859,385 issued July 9, 1907 to the present patentees.

1,260,897 (Mar. 26, 1918; appl. Sept. 6, 1917). FLY TRAP. Joshua A. Hardy, Emporia, Kans. - This device is attached to the inner surface of a screen door behind an opening to permit flies to enter. Sticky fly paper is provided to prevent the flies from escaping.

1,254,234 (Jan. 22, 1918; appl. Apr. 10, 1916). INSECT-TRAPPING SCREEN. George M. Jones, Galt, Calif. - This screen traps insects crawling up it on either side.

1,263,951 (Apr. 23, 1918; appl. July 31, 1916). FLY TRAP. Henry J. Smith, Philadelphia, Pa. - This device is fastened upon the inside of a screen door and entraps in a removable receptacle all the flies which congregate upon the outside of the door.

1,267,237 (May 21, 1918; appl. Nov. 6, 1916). FLY TRAP. Fred S. Little, Fairfield, Iowa. - One-half to John Samuelson, Fairfield, Iowa. - This fly trap is adapted to be removably mounted upon a screen in such a manner as to trap the flies upon either the inside or the outside of the screen.

1,271,214 (July 2, 1918; appl. June 20, 1913). FLY TRAP FOR SCREEN DOORS. William E. Petty, Pipestone, Minn. - Sweetened liquid on a sponge attracts flies to this trap which is placed upon the inside of a screen door adjacent its upper edge.

1,277,301 (Aug. 27, 1918; appl. July 20, 1917). INSECT TRAP. Ida B. Feldman, Atlanta, Ga. - A fly trap capable of attachment to a screen, shade, curtain or the like is described.

1,286,567 (Dec. 3, 1918; appl. May 23, 1918). FLY TRAP. John J. Evers, Fair Oaks, Ind. - This device is designed to be detachably connected to the outer surface and adjacent the upper cross bar of a screen door frame.

1,290,717 (Jan. 7, 1919; appl. Mar. 30, 1917). FLY TRAP. Levi S. Couplin, South Greenfield, Mo. - Liquid bait or fly poison distributed from a wick attracts flies to this reticulate fabric trap attached to a window or screen.

1,297,728 (Mar. 18, 1919; appl. Aug. 14, 1918). FLY TRAP. William E. Petty, Storm Lake, Iowa. - This wire screen trap is detachably connected to the outside of a window or door screen. Sweetened liquid on a sponge is used as bait.

1,320,986 (Nov. 4, 1919; appl. Jan. 7, 1919). FLY TRAP. Hutch R. Brown, Drumheller, Alberta, Canada. - This wire screen trap is designed to be hung from the top of a door or window. Flies entering it may be killed by poison in a pan.

1,334,099 (Mar. 16, 1920; appl. Oct. 21, 1916). ADJUSTABLE WINDOW SCREEN AND FLY TRAP. Horace E. Johnson, Bustleton, Pa. - Bait lures flies to a compartment between two window screens.

1,335,041 (Mar. 30, 1920; appl. Aug. 25, 1916). FLYTRAP. Andrew C. Byers and William B. Fritze, Forreston, Ill. - Bait attracts flies to this transparent celluloid trap which is attached to a screen door.

1,338,113 (Apr. 27, 1920; appl. Apr. 17, 1916). FLY TRAP. Fred O. Tibbetts, Henry, Ill. - Bait attracts flies to this wire screen trap which is supported near the top of a door.

1,340,779 (May 18, 1920; appl. Aug. 18, 1919). FLY TRAP. William J. Lee, Eugene, Ore. - This trap is designed to be attached upon a window screen or screen door and is so arranged that flies working their way up the screen will enter the device and be trapped therein.

1,342,933 (June 8, 1920; appl. Aug. 2, 1918). FLY TRAP. August R. Anderson, Kingman, Ariz. - One-half to James H. Knight, Kingman, Ariz. - This fly trap is adapted to be attached to a screen door or window screen.

1,357,619 (Nov. 2, 1920; appl. Mar. 10, 1919). FLY TRAP FOR SCREEN DOORS AND WINDOWS. Henry F. Davis, Walter, Okla. - This device traps flies which crawl on the inner or outer faces of a door or window screen.

1,358,150 (Nov. 9, 1920; appl. Apr. 27, 1920). FLY TRAP. Carl P. Hasselgren, Superior, Wis. - Granulated sugar attracts flies to this celluloid trap which is attached to a window screen.

1,373,441 (Apr. 5, 1921; appl. Apr. 14, 1920). SANITARY FLY TRAP. Hugh E. Martin, Madison, Wis. - This wire mesh fly trap is attached to the outside top of a screen door and catches flies either from the outside or the inside.

1,373,650 (Apr. 5, 1921; appl. Sept. 20, 1920). FLY TRAP. Alder G. Carlson, Moose Lake, Minn. - This device consists of a trough containing kerosene or water which is placed at the lower end of a window pane. Exhausted flies drop into the poisonous liquid and succumb.

1,411,189 (Mar. 28, 1922; appl. Aug. 25, 1920). FLY TRAPPING WINDOW SCREEN. Paul B. Samuelson, Minneapolis, Minn. - This trapping screen is adapted to be set into a window opening below a raised sash.

1,420,536 (June 20, 1922; appl. Apr. 2, 1921). FLY SWATTER. John C. Field, Butte, Mont. - This fly swatter is automatically actuated by the movement of the door to which it is attached.

1,427,050 (Aug. 22, 1922; appl. Mar. 26, 1921). FLY TRAP. Stengrim Alseth, Osakis, Minn. - This fly trap is made of wire gauze coiled in a partial cylindrical form and is adapted for attachment to a window pane, window or door screen. The trap is provided with a reception chamber and communicating with it is an impounding chamber in which the flies are caught by sticky fly paper.

1,442,918 (Jan. 23, 1923; appl. Aug. 10, 1921). FLY TRAP. Alfred C. Wilson, Webster Groves, Mo. - A fly trap which may easily be attached to a window or door screen consists of a section of screen rolled to form a substantially cylindrical body. If desired an appropriate insecticide may be maintained within the trap.

1,450,855 (Apr. 3, 1923; appl. June 19, 1922). FLY TRAP. James W. Hildreth, Marion, Ohio. - One-half to Ward C. Hufford, Marion, Ohio. - This fly trap may be readily applied to door or window screens to entrap flies crawling up the screen.

1,455,782 (May 22, 1923; appl. Mar. 7, 1922). FLY TRAP. Henry A.Faes, Crook, Colo. - Bait attracts flies to this celluloid trap which is attached to a window pane.

1,456,413 (May 22, 1923; appl. June 26, 1922). FLY TRAP. James F. Webster, Colfax, Ind. - This fly trap may be attached to the outside top of a screen door for catching flies walking upwardly over the screen door.

1,457,357 (Nov. 27, 1923; appl. Mar. 23, 1921). FLY TRAP. Joseph Weber, Lone Rock, Wis. - A fly trap for window and door screens is essentially a secondary frame connected by hinges.

1,518,535 (Dec. 9, 1924; appl. Aug. 16, 1922). FLY TRAP. Michael Mitchko, Stockton, Pa. - This trap is designed for catching flies in their attempt to pass through a window screen.

1,544,334 (June 30, 1925; appl. May 14, 1923). PORTABLE FLY TRAP FOR DOORS. Hugh E. Martin, Madison, Wis. - This device is placed on a screen door to intercept the travel of flies and to collect them in a compartment.

1,566,032 (Dec. 15, 1925; appl. Feb. 11, 1924). SCREEN DOOR FLY TRAP. Hugh E. Martin, Madison, Wis. - This trap is attached to the outside top of a screen door and catches flies crawling up either side of the door. Saccharin matter is used as bait.

1,574,426 (Feb. 23, 1926; appl. Dec. 4, 1922). FLY TRAP. Louis H. Koll, Casper, Wyo. - Bait is used to attract flies to this cylindrical wire screen trap with conical entrance. The trap may be suspended from a window or door screen. Secured to the side of the bait trough is a strip of some brilliantly colored material to attract flies to the trough.

1,584,529 (May 11, 1926; appl. Sept. 22, 1924). FLY TRAP. Oscar T. Gregory, Chicago, Ill. - One-half to T. H. Curd, Paducah, Ky. - This wire screen trap is attached to the top of a window or door screen. Flies entering it are caught on adhesive paper.

1,629,816 (May 24, 1927; appl. Apr. 24, 1926). FLY AND INSECT TRAP. Alder G. Carlson, Moose Lake, Minn. - This device consists of a shallow tray containing bait, such as sweet material, and also an insecticide such as oil, soap suds or a powder. The tray is attached to a window pane.

1,704,744 (Mar. 12, 1929; appl. May 24, 1928). FLY TRAP. William Henning, Peru, Neb. - This wire netting fly trap is secured to the side of a screen door or window.

1,749,717 (Mar. 4, 1930; appl. Jan. 17, 1929). FLY TRAP. George Palmos, Sacramento, Calif. - Flies are attracted to this box like trap, the front of which is of glass, by electric lights. Entering they are destroyed by a vermin-destroying solution. The trap is placed at the bottom of a window.

1,800,108 (Apr. 7, 1931; appl. May 8, 1928). FLY TRAP. Nicholas G. Schmitz, Chicago, Ill. - This reticulate fabric trap is attached to a window or door screen. Light attracts flies through the opening.

1,812,512 (June 30, 1931; appl. Dec. 20, 1928). INSECT TRAP. Raul J. Carballo, Buenos Aires, Argentina. - This labyrinthine trap of glass or celluloid is attached to a window pane. Flies entering may be sprayed with solid or liquid insecticides.

1,826,746 (Oct. 13, 1931: appl. May 20, 1929). FLY TRAP. Henry F. Davis, Walters, Okla. - A combination window screen and fly trap is described.

1,870,712 (Aug. 9, 1932; appl. Dec. 30, 1930). INSECT TRAP. George S. Crown, Bakersfield, Calif. - Flies may be attracted by bait or by electric light.

1,880,988 (Oct. 4, 1932; appl. Mar. 17, 1932). SCREEN FLY TRAP. Christina J. Smith, Sonoma, Calif. - This device may be readily applied to and removed from a window frame when desired and is designed to trap the flies both from the inside and the outside.

ASSIGNEE INDEX
(Numbers refer to patents cited)

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